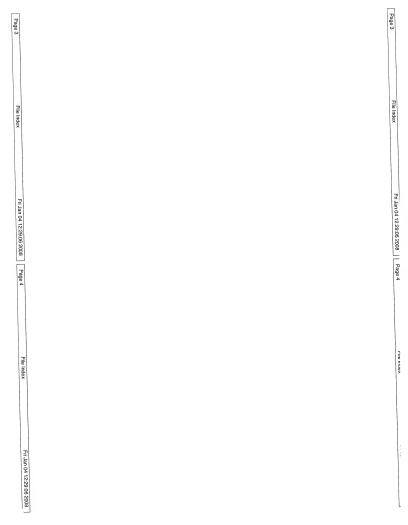
C8

Fri Jan 04 12:29:06 2008	dispatch_deamon.x dispatch_protocol.x dispatch_protocol.p	Fri Jan 04 12:29:06 2008
File Index	ຜ. ສະ	File Index
Page 1 Fri Jan 04 12:29:06 2008		Page 1 Fri Jan 04 12:29:06 2008
File Index		File Index
Page 2		Page 2



```
/* structures for input and output of re_initialize rpc call:
                                                                                                                             const DD_SERVICE_RESTORE=1;
                                                                                                                                                                                                                                                                                                                                                                                                                      %#define DD_OTYPE_INIT_OUT
          Fri Jan 04 12:29:06 2008
                                                                                                                                                                                                                                                                                                                                                                                                                                               *#define DD_OTYPE_INIT_IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Data Structure Definitions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Constant Definitions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8** Copyright 1997, 1998 EMC Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Basic idea here:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Compile-Time Options:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Primary Data Acted On: This defines the data that will flow over the wire.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mission Statement:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              dispatch_daemon.x : EDM Dispatch Daemon C/S communication module
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ie edmlink_sunrpc.h in this case. Thi more sense and be properly documented.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Leading % causes rpogen to pass a line directly thought to the output, ie edmlink_sunrpc.h in this case. This allows the .h to make a little
                                                                      struct DD_initialize_args {
                                                                                                                                                                                                                                      struct DD_client_session_id (
unsigned long high;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               struct DD_rpc_objiD
                                                                                                                                                                                                                                                                                                                                                                                        Long
                                                                                                                                                                                                                  unsigned long
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             and all data types that will be passed via RPC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Define the RPC level interfaces to the Dispatch Daemon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      This is an RPCGEN file which defines the RPC interface
                                                                                                                                                                                                                                                                                                                                                                                             Len;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     must be run through with the -h flag to create a header, the -m flag to create the service side routines, the -l flag to create the client side routines, and the -c flag to create the common data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            This acutally gets run through RPCGEN not compiled.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      functions. This defines the RPC level calls that a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               the EDM server) and the backup client callers of its
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             between the Dispatch Daemon (which resides on
                                        service
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            marshalling routines.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   "caller" can make and the "service" will respond to.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The RPC mechanism will take care of data
                                                                                                                                                                                                                                                                                                                                                                                   /* Length of structure, version number */
          dispatch_daemon.x 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Object identifier (DD_OTYPE_*) */
                                                                                                                                                                                                                                                                                                                                                                                                                 /* Initialize Output Object */
                                                                                                                                                                                                                                                                                                                                                                                                                                               /* Initialize Input Object */
Page 1 of 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        H
Fri Jan 04 12:29:06 2008
                                                                                                                                                                                                                                                                                             const BACKUP_TYPE =
                                                                                                                                                                               struct WIProgress
                                                                                                                                                                                                             /* work item structure */
                                                                                                                                                                                                                                                                    const OTHER_TYPE =
                                                                                                                                                                                                                                                                                                                                                     /* defines for operation_type */
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Const
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               const USERNAME_SIZE =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      const WINAME_SIZE =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    const TRLNAME_SIZE =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              const MEDNAME_SIZE =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /* length of various buffers */
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              const DCONN_WRK_TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 const DCONN_NET_TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 const ONLINE_KICKDB_TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             const
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CONST SHARED_PART_BACKUP_TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     const FS_BACKUP_TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /* work item type */
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /* structures for getstatus function */
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Const
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          const
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          const
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   const DD_SERVICE_FAILURE_NONEXEC=-4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 * some extras for identifying NOS workitems.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          These match the rbconfig.h for the most part. There are
                                                                                                                                                 unsigned Long
                                        unsigned long
                                                                 unsigned long
                                                                                                                        unsigned long
                                                                                                                                                                                                                                                                                                                                                                                                                 MAX_STRING_SIZE =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLNTNAME_SIZE =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OFFLINE_DB_TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                               SERVER_SIZE =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HOSTNAME_SIZE =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TEMPLNAME_SIZE =
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ONLINE_LISTDB_TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DCONN_KICK_TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SHARED_M_PART_BACKUP_TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DD_SERVICE_COMPLETED=4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DD_SERVICE_RUNNING=2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DD_SERVICE_STARTING=1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DD_SERVICE_FAILURE_EXEC =- 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DD_SERVICE_FAILURE_PERMS=-2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        struct DD_getservicestatus_result (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          struct DD_getservicestatus_args (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                struct DD_initialize_result (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 opaque
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DD_client_session_id
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 int
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DD_client_session_id service_handle;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      unsigned int status;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   unsigned int timeout;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  string username<>;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           string hostname<>;
                                                                 rotal_kbytes_sorar;
                                                                                                                        curr_time;
                                                                                                                                                      time_started;
                                   total_files;
                                                                                                                                                                                                                                                                                                                                                                                                                 `*
                                                                                                                                                                                                                                                                                                                                                                                                                 must be the length of the longest buffer */
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      handle<128>;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Scacus;
dispatch_daemon.x 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   service_handle,
Page 2 of 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Page 2 of 16
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Page	struc	Ξ .	struc	Ξ.	ro.	F 100						stru	*	Ξ								
Page 3 of 16	struct CC_Notify	unsigned long EDMProgress WIProgress	struct EDMStats	char	struct EDMProgress	int int unsigned long	unsigned long unsigned long	unsigned long unsigned long unsigned long unsigned long	unsigned long unsigned long unsigned long	unsigned long	unsigned long	struct EDMProgress (unsigned long unsigned long	/* SUMMARY structure */	char char	char	char	char char char	struct WIProgress	int int unsigned long	unsigned long unsigned long	unsigned long unsigned long	unsigned long
dispatch_daemon.x 3		status; edm; *wiprogress;		host_name[HOSTNAME_SIZE];	*next;	operation_type; completed; status;	<pre>total_files_expected; total_kb_expected;</pre>	active; total; failed; successful;	<pre>curr_time_since; curr_kbytes_sofar; curr_files;</pre>	total_tiles;	total_kbytes_sofar;	time_started; curr time;	~	level; type;	<pre>media_type[MEDNAME_SIZE]; userid[USERNAME_SIZE];</pre>	<pre>client_name(CLNTNAME_SIZE); server_name(SERVER_SIZE);</pre>	wi_name(WINAME_SIZE); trail_name(TRLNAME_SIZE); trailset_name(TRLNAME_SIZE); temmlata_name(TRLNAME_SIZE);	*next;	<pre>operation_type; completed; status;</pre>	<pre>total_files_expected; total_kb_expected;</pre>	<pre>curr_knyees_somer; curr_time_slice; curr_files;</pre>	total_badfiles;
Fri Jan 04 12:29:06 2008																						
Page 4 of 16) = 390015;	% * identifies this daem % * to register would be	%/* This is the RPC program number. % * This number cannot be re-used b	SessionBlock dd_gets $= 1; /*$ This is version $1 */$	DD_getservi	/* Function DD_initiali	version EDMDD_FUNCTIONS (program EDM_DISPATCH_DABMON	struct SessionInfo int);	struct SessionBlock	SessionInfo	long int int	int '	{	struct SessionInfo	int int int string	int
dispatch_daemon.x 4							8 * identifies this daemon uniquely. If it were to be re-used, the language of the state of t	/* This is the RPC program number. These are reserved in /pds/docs/RPC_nu This number cannot be re-used by any other RPC deemon on the machine.	SessionBlock dd_getsessioninfo(DD_g etservicestatus_args) = 3: This is version 1 */	DD_getservicestatus_result dd_getservicestatus(DD_getservice	<pre>DD_initialize_result dd_initialize(DD_initialize_args) = 1;</pre>	NS (NOM (nfo *sess; totalsessions;		*next;	lastReceived; outhandle; errhandle;	operation_type; lastSent;	on_id service_handle; status; jobstarttime;		level; msglen; msgtext<>;	msgtype;
FII 3611 04 12:25:00 2000	FE 122 04 12:20:00 2000						be re-used, the last daemon n for this number.	These are reserved in /pds/docs/RPC_numbers y any other RPC daemon on the machine,	ervicestatus_args } = 3;	ervicestatus(DD_getservicestatus_args) = 2;	initialize_args) = 1;											

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Fri Jan 04 12:29:06 2008 dispatch_protocol.x 1 Page 5 of 16 Fri	st FS_BACKUP st SHARED_PA st SHARED_M st OFFLINE_D st ONLINE_LI st ONLINE_LI	bconfig.h for the most part. There are dentifying NOS workitems.	DAGA SEPURCIYE MELINIKANS SET "Work item type "/ };		TWA. RESTORE_SERVICE *RESTORE_SERVICE* WAX_STRING_SIZE = 256; TEXT LONG 2	%#include <pre><pre></pre></pre>	Define the REC level interfaces to the Dispatch Desonn str and all data types that will be passed via REC.	routines, and the ce flag to create the common data marshalling routines.	ed.	ire. ling	between the Dispetch beamon (which resides on the EDM server) and the backup client callers of its innotions. This defines the RFC level calls that a 'caller' can make and the 'service' will respond to.	A).* O	// // Leading % courses ryogen to pass a line directly thought to the output. comes is edmink_murpc.h in this case. This allows the .h to make a little comes more sense and be properly documented.	day
Fri Jan 04 12:29:06 2006 dispatch_protocol.x 2 Page 6 of 16	case PANT: case CHAR: case CHAR: case CHAR: case LONG: case L	union dataparms switch(uint32 data_type) (<pre>struct DP_ping_response_meg (DD_client_session_id sid; };</pre>	struct DP_Ding_request_meg { DD_client_session_id sid; };	Struct DE close_response_meg (DE_client_mession_id sid; uint32 terminationCode;);	<pre>struct DP_close_request_msg (DD_client_session_id sid; };</pre>	atruct DP_abort_response_msg (DP_cities_session_id sid; unri2 terminationCode;);	<pre>struct DP_abort_request_mmg { DP_client_seesion_id sid; };</pre>	<pre>struct DP_connect_confirm_mag (</pre>	MESSAGE DEFINITIONS / STUTE DP_connect_indicate_mag (DD_client_seesion_id sid; };	/ defines for operation_type */ const BASTOR_TYPE = 1; const DASTORE_TYPE = 2; const OTHEK_TYPE = 16;	cone tWANANT_STAR = 240/ conet EMPHRAIT_STAR = 250/ conet MAX_STRING_STAR = 256/ /* must be the length of the longest buffer */	mgth of various buf MEDMAME_SIZE = TRLAMME_SIZE = WINAME_SIZE = TEMPLNAME_SIZE = USENNAME_SIZE =	CORST DOUNN_WRK_TYPE = 8;

default : void;	
);	
<pre>struct DP_event_indicate_msg { DD_client_session_ld sid; uin132</pre>	
ms	
);	
<pre>struct DP_event_confirm_msg { DD_client_session_id sid;</pre>	
31	
struct DP_progress_indicate_msg { DD_client_session_id sid; EDMStats stats;	
);	
<pre>struct DP_progress_confirm_msg { DD_cilent_session_id sid; uint32 ack;</pre>	
3	
<pre>struct DP_final_stats_indicate_msg { DD_client_session_id sid; BDMStats stats;</pre>	
struct DP_final_stats_confirm_m89 { DD_client_ession_id sid; Unnf32 ack:	

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dispatch_protocol.x 3

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dispatch_protocol.x 4

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Page 10 of 16	dispatch_protocol_client.x 2	Fri Jan 04 12:29:06 2008	Fri Jan 04 12:29:06 2008 dispatch_protocol_client.x 1 Page 9 of 16
			%/* This is the RPC program number. These are reserved in /pds/docs/RPC_numbers % * This number cannot be re-used by any other RPC daemon on the machine,
			} = 1; /* This is version 1 */
			<pre>int dp connect_confirm(DP_connect_confirm_useg) = 1; int dp_abort_request (DP_conset_trang) = 2; int dp_abort_request (DP_close_request_trang) = 3; int dp_abort_request (DP_close_request_trang) = 4; int dp_abort_request (DP_abort_request_trang) = 4; int dp_abort_request (DP_abort_request_trang) = 5; int dp_abort_request_confirm(DP_abort_request_trang) = 5; int dp_final_statu_confirm(DP_abort_request_trangle) = 7;</pre>
			version EDMDPC_FUNCTIONS (
			program EDM_DISPATCH_PROTOCOL_CLIENT {
			Det Structus Definitions
			Constant Definitions
			%#include <restore dispatch_protocol.h=""></restore>
			% * Assac idea here: % * Passic idea here: Define the RPC level interfaces to the Dispatch Daemonn % * and all data types that will be passed via RPC. %*/
			mate the run through with the -h flag to create a header, the -m flag to create the service side routines, the -l flag to create the client side crottines, and the -c flag to create the client side mateballing routines.
			<pre>8 * Compile-Time Options: 8 * Compile-Time Options:</pre>
			* Primary Data Acted On: This defines the data that will flow over the wire. The RPC mechanism will take care of data marghalling
			* Mission Statement: This is an Roccest file which defines the Rec interface * Mission Statement the Dispatch Damenn (which resides on interface * The ERM secret) and the before challens of its functions. This defines the Rec level calls that a "caller" can make and the "service" will respond to.
			<pre>%/* g/* dispatch_daemon.x : EDM Dispatch Daemon C/S communication module % *</pre>
		%*/) = 399999;	 Leading & sames progen to pass a line directly thought to the output. Le eablink entrope h in this case. "This allows the in to make a little "more sense and be properly documented."
the last daemon this number.) i	% * to register would be c	\
ised,	uniquely. If it were to be re-used,	 tuentities this daemon uniquely. 	Park and the second sec

%/* %** Copyright 1997,1998 EMC Corporation %*/

rn Jan 04 12:29:06 2008

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% * identifies this daemon uniquely. If it were to be re-used,

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*

```
program EDM_DISPATCH_PROTOCOL_SERVICE {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Data Structure Definitions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            %#include <restore/dispatch_protocol.h>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Constant Definitions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    %** Copyright 1997,1998 EMC Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    * dispatch_daemon.x : EDM Dispatch Daemon C/S communication module
} = 1; /* This is version 1 */
                                                                                                                                                                                                                                                                                                                                                                                                                version EDMDPS_FUNCTIONS (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Basic idea here:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Compile-Time Options:
                                                                                                                                                                                         int dp_connect_indicate( Dp_connect_indicate_msg ) = 1;
int dp_abort_response( Dp_abort_response_msg ) = 2;
int dp_close_response( Dp_close_response_msg ) = 3;
int dp_ping_response( Dp_ping_response_msg ) = 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Primary Data Acted On: This defines the data that will flow over the wire.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mission Statement:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        more sense and be properly documented.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Leading & causes rpcgen to pass a line directly thought to the output, ie edmlink_sunrpc.h in this case. This allows the .h to make a little
                                                                                                           dp_progress_indicate( DP_progress_indicate_msg) = 6;
                                                                                                                                                      dp_event_indicate( DP_event_indicate_msg ) = 5;
                                                                              dp_final_stats_indicate( DP_final_stats_indicate_msg ) = 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     and all data types that will be passed via RPC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Define the RPC level interfaces to the Dispatch Daemon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    between the Dispatch Daemon (which resides on
the EDM server) and the backup client callers of its
functions. This defines the RPC level calls that a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            This is an RPCGEN file which defines the RPC interface
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   marshalling routines.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               must be run through with the -h flag to create a header, the -m flag to create the service side routines, the -l flag to create the client side routines, and the -c flag to create the common data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               This acutally gets run through RPCGEN not compiled.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        "caller" can make and the "service" will respond to.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The RPC mechanism will take care of data
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Page 13 of 16
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dispatch_protocol_service.x 1

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